

Push-in fittings CRQS, Quick Star, stainless steel, NPT

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Technical data

General technical data	
Size	Standard
Design	Push-pull principle
Mounting position	Any

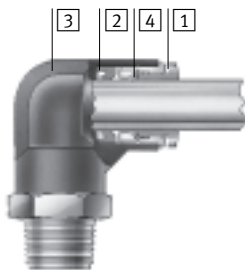
Operating and environmental conditions	
Operating pressure [Psi]	-13.8 ... +203.1
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:-:-]
Ambient temperature [°F]	-4 ... +302
Corrosion resistance class CRC ¹⁾	4

1) Corrosion resistance class 4 according to Festo standard 940 070

Components subject to particularly high corrosion stress. Parts used with aggressive media, e.g. in the food or chemical industry. These applications should be supported with special tests with the media if required.

Materials

Sectional view



	CRQS, NPT
1 Releasing ring	High-alloy stainless steel
2 Tubing seal	Fluoro elastomer
3 Housing	High-alloy stainless steel
4 Tube retaining claw	High-alloy stainless steel
Note on materials	Contains PWIS (paint wetting impairment substances)
	RoHS-compliant

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Product range overview

Design	Version	Type	Connection D1		Connection D2		→ Page/ Internet	
			NPT thread	Tubing O.D.	Push-in sleeve ∅	Tubing O.D.		
Inline	Push-in fitting – Male thread with internal/external hex							
		CRQS	1/8	–	–	5/32, 1/4	4	
			1/4			1/4, 5/16, 3/8		
			3/8			3/8, 1/2		
			1/2			1/2		
	Push-in connector							
		CRQS-...T	–	5/32	–	–	4	
				1/4				
				5/16				
				3/8				
				1/2				
	Push-in connector with push-in sleeve							
		CRQS-...H	–	–	1/4	5/32	5	
					5/16	1/4		
					3/8	1/4, 5/16		
L-shape	Push-in L-fitting, rotatable 360° – Male thread with external hex							
		CRQSL	1/8	–	–	5/32, 1/4	6	
			1/4			1/4, 5/16, 3/8		
			3/8			3/8, 1/2		
			1/2			1/2		
	Push-in L-connector							
		CRQSL-...T	–	5/32	–	–	6	
				1/4				
				5/16				
				3/8				
				1/2				
	T-shape	Push-in T-fitting, rotatable 360° – Male thread with external hex						
			CRQST	1/8	–	–	5/32, 1/4	7
				1/4			1/4, 5/16, 3/8	
				3/8			3/8	
Push-in T-connector								
		CRQST-...T	–	5/32	–	–	7	
				1/4				
				5/16				
				3/8				
				1/2				

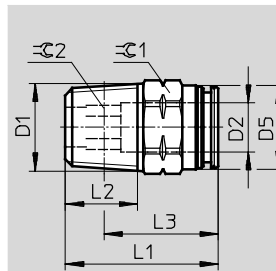
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Technical data

Push-in fitting CRQS

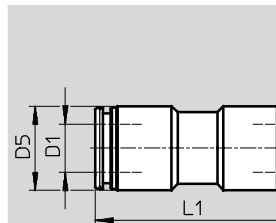
Male thread
with external hex



Dimensions and ordering data												
Connection	Nominal size	Tubing O.D.	D5 $\varnothing$	L1	L2	L3	$\varnothing 1$	$\varnothing 2$	Weight/piece	Part No.	Type	PU ¹⁾
D1	[inch]	D2							[oz]			
1/8	0.118	5/32	9.5	19.5	8.5	15.4	15/32	1/8	0.342	565318	CRQS-1/8-5/32-U	1
	0.157	1/4	12.0	22.0	8.5	17.9	1/2	5/32	0.388	565319	CRQS-1/8-1/4-U	1
1/4	0.157	1/4	12.0	24.5	13.0	18.7	35/64	5/32	0.628	565320	CRQS-1/4-1/4-U	1
	0.256	5/16	14.0	25.5	13.0	19.7	35/64	1/4	0.575	565321	CRQS-1/4-5/16-U	1
	0.256	3/8	16.0	32.0	13.0	26.2	21/32	1/4	0.896	565322	CRQS-1/4-3/8-U	1
3/8	0.315	3/8	16.0	25.5	13.0	19.4	45/64	5/16	0.917	565323	CRQS-3/8-3/8-U	1
	0.413	1/2	20.0	29.5	13.0	23.4	13/16	13/32	1.118	565324	CRQS-3/8-1/2-U	1
1/2	0.413	1/2	19.5	30.5	17.0	22.4	55/64	13/32	1.633	565325	CRQS-1/2-1/2-U	1

1) Packaging unit

Push-in connector CRQS-...T



Dimensions and ordering data							
Tubing O.D.	Nominal size	D5 $\varnothing$	L1	Weight/piece	Part No.	Type	PU ¹⁾
D1	[inch]			[oz]			
5/32	0.118	9.5	28.0	0.307	565340	CRQS-5/32T-U	1
1/4	0.217	12.0	33.5	0.515	565341	CRQS-1/4T-U	1
5/16	0.256	14.0	34.0	0.695	565342	CRQS-5/16T-U	1
3/8	0.335	16.0	38.5	0.945	565343	CRQS-3/8T-U	1
1/2	0.433	20.0	41.0	1.552	565344	CRQS-1/2T-U	1

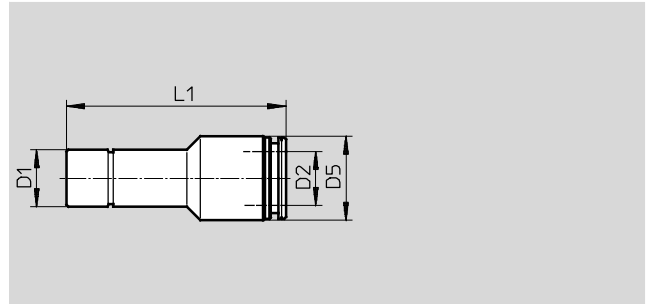
1) Packaging unit

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Technical data

Push-in connector CRQS-...H
with push-in sleeve



Dimensions and ordering data								
Connection	Nominal size	Tubing O.D.	D5 Ø	L1	Weight/piece	Part No.	Type	PU ¹⁾
D1	[inch]	D2			[oz]			
1/4	0.118	5/32	9.5	31.5	–	565355	CRQS-1/4H-5/32-U	1
5/16	0.197	1/4	12.0	34.5	0.406	565356	CRQS-5/16H-1/4-U	1
3/8	0.217	1/4	12.0	34.5	0.483	565357	CRQS-3/8H-1/4-U	1
	0.256	5/16	14.0	36.5	0.547	565358	CRQS-3/8H-5/16-U	1

1) Packaging unit

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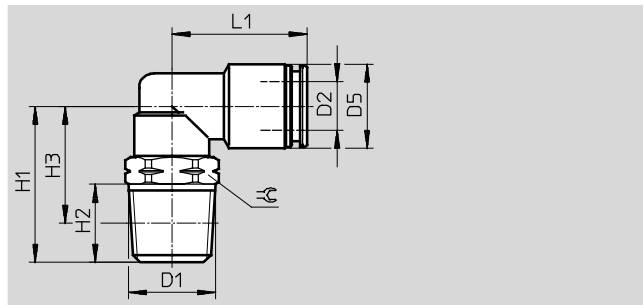
Technical data

Push-in L-fitting CRQSL

Rotatable 360°

Male thread

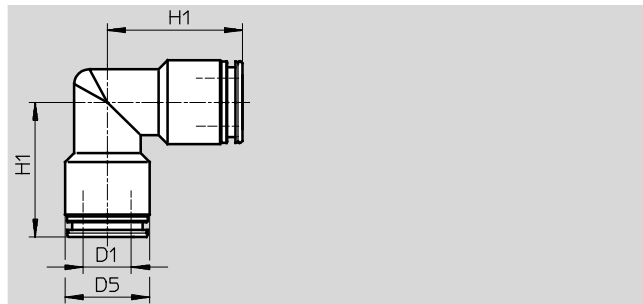
with external hex



Dimensions and ordering data												
Connection	Nominal size	Tubing O.D.	D5 Ø	H1	H2	H3	L1		Weight/piece	Part No.	Type	PU ¹⁾
D1	[inch]	D2							[oz]			
1/8	0.118	5/32	9.5	18.5	8.5	14.4	17.5	15/32	0.441	565326	CRQSL-1/8-5/32-U	1
	0.217	1/4	12.0	21.0	8.5	16.9	21.5	1/2	0.705	565327	CRQSL-1/8-1/4-U	1
1/4	0.217	1/4	12.0	26.0	13.0	20.2	21.5	35/64	0.97	565328	CRQSL-1/4-1/4-U	1
	0.236	5/16	14.0	26.0	13.0	20.2	22.5	35/64	0.967	565329	CRQSL-1/4-5/16-U	1
	0.335	3/8	16.0	29.0	13.0	23.2	26.0	21/32	1.376	565330	CRQSL-1/4-3/8-U	1
3/8	0.335	3/8	16.0	29.0	13.0	22.9	26.0	45/64	1.517	565331	CRQSL-3/8-3/8-U	1
	0.413	1/2	20.0	32.5	13.0	26.4	28.5	13/16	2.37	565332	CRQSL-3/8-1/2-U	1
1/2	0.413	1/2	20.0	37.0	17.0	28.9	28.5	55/64	2.723	565333	CRQSL-1/2-1/2-U	1

1) Packaging unit

Push-in L-connector CRQSL-...T



Dimensions and ordering data							
Tubing O.D.	Nominal size	D5 Ø	H1	Weight/piece	Part No.	Type	PU ¹⁾
D1	[inch]			[oz]			
5/32	0.138	9.5	17.5	0.444	565345	CRQSL-5/32-T-U	1
1/4	0.217	12.0	21.0	0.515	565346	CRQSL-1/4-T-U	1
5/16	0.256	14.0	22.5	0.868	565347	CRQSL-5/16-T-U	1
3/8	0.335	16.0	25.5	1.517	565348	CRQSL-3/8-T-U	1
1/2	0.433	20.0	27.5	1.781	565349	CRQSL-1/2-T-U	1

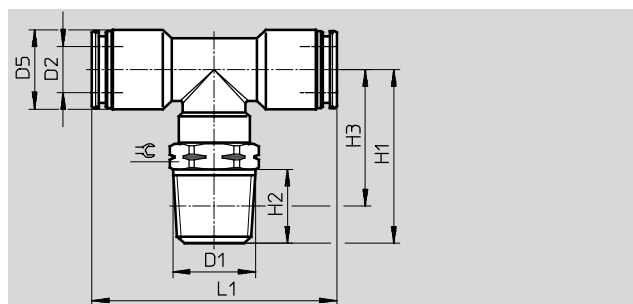
1) Packaging unit

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Technical data

Push-in T-fitting CRQST

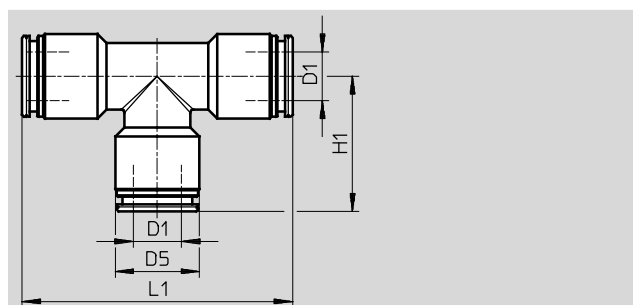
Rotatable 360°

Male thread
with external hex


Dimensions and ordering data												
Connection	Nominal size	Tubing O.D.	D5 Ø	H1	H2	H3	L1	⌀	Weight/piece [oz]	Part No.	Type	PU ¹⁾
D1	[inch]	D2										
1/8	0.118	5/32	9.5	22.5	8.5	18.4	35.0	15/32	0.656	565334	CRQST-1/8-5/32-U	1
	0.217	1/4	12.0	25.5	8.5	21.4	42.0	1/2	0.97	565335	CRQST-1/8-1/4-U	1
1/4	0.217	1/4	12.0	30.5	13.0	24.7	42.0	35/64	1.185	565336	CRQST-1/4-1/4-U	1
	0.236	5/16	14.0	30.5	13.0	24.7	43.0	35/64	1.305	565337	CRQST-1/4-5/16-U	1
	0.335	3/8	16.0	32.0	13.0	26.2	51.0	21/32	2.258	565338	CRQST-1/4-3/8-U	1
3/8	0.335	3/8	16.0	32.0	13.0	25.9	51.0	45/64	2.346	565339	CRQST-3/8-3/8-U	1

1) Packaging unit

Push-in T-connector CRQST-...T



Dimensions and ordering data								
Tubing O.D.	Nominal size	D5 Ø	H1	L1	Weight/piece [oz]	Part No.	Type	PU ¹⁾
D1	[inch]							
5/32	0.138	9.5	17.5	35.0	0.564	565350	CRQST-5/32T-U	1
1/4	0.217	12.0	21.0	42.0	0.988	565351	CRQST-1/4T-U	1
5/16	0.256	14.0	21.5	43.0	1.157	565352	CRQST-5/16T-U	1
3/8	0.335	16.0	25.0	50.0	2.046	565353	CRQST-3/8T-U	1
1/2	0.433	20.0	27.5	55.0	2.469	565354	CRQST-1/2T-U	1

1) Packaging unit